

BACHELOR OF SCIENCE (ENDOSCOPY) (CBCS-2021 COURSE)
B.Sc. (ENDOSCOPY) Sem - III : WINTER- 2022
SUBJECT : ENDOSCOPIC ANATOMY

Day : Monday

Time : 10:00 AM-12:00 PM

Date : 16-01-2023

W-25085-2022

Max. Marks : 20

N.B.:

- 1) There are **THREE** sections as-
Section-A = Objectives types questions = 20 marks.
Section-B = Long Answer questions = 20 marks.
Section-C = Short Answer questions = 20 marks.
- 2) Section B has 4 long questions and **ANY TWO** questions have to be answered.
- 3) Section C has 6 short questions **ANY FOUR** questions have to be answered.
- 4) Section A is given in **SEPARATE** sheet and has to be answered on same sheet.
This sheet should be completed with the first 20 minutes of starting of the examination. This sheet with Section A only will be collected by Supervisor.
- 5) You have to make \surd such kind of mark in the box of the appropriate answers.

Seat No _____

SECTION-A

M. C. Q's

1. Volvulus is not usually seen in-
 - a) Esophagus
 - b) Stomach
 - c) Sigmoid colon
 - d) Bile duct
2. Schatzki's ring is seen in-
 - a) Colon
 - b) Esophagus
 - c) Stomach
 - d) Anal canal
3. During upper G1 endoscopy, Retro flexion of scope is done to see-
 - a) Ampulla
 - b) Antrum
 - c) Fundus
 - d) Duodenum
4. Which of the following is seen in cecum?
 - a) Appendicular opening
 - b) Hemorrhoids
 - c) Pylorus
 - d) Z line

P.T.O.

5. Which scale is used to assess bowel preparation for colonoscopy?
- a) New York
 - b) Boston
 - c) Bristol
 - d) London
6. Narrowing of lumen is seen at
- a) LES
 - b) Fundus
 - c) Body of stomach
 - d) Incisura
7. IC valve is junction of
- a) Ampulla- duodenum
 - b) Ileum- caecum
 - c) Ileum-appendix
 - d) Cardia-fundus
8. On fluoroscopy, which duct crosses the midline?
- a) CBD
 - b) Pancreatic duct
 - c) Both
 - d) None of the above
9. Gall bladder is joined to CBD by
- a) Cystic duct
 - b) Pancreatic duct
 - c) Hepatic duct
 - d) Vitelline duct
10. Ampulla opens in
- a) Duodenum-First part
 - b) Duodenum - Second part
 - c) Duodenum- Third part
 - d) Duodenum-Fourth part

Total marks obtained: _____

Signature of Invigilator: _____

Signature of Examiner: _____

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Max. Marks : 40

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- 2) Section B has 4 long questions and **ANY TWO** questions have to be answered.
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- 4) Answer to both the sections should be written in **SAME** answer book.

SECTION-B

- A) Long answer questions (Attempt **ANY TWO**) (20)
1. Draw diagram of layers of esophagus and colon.
 2. Draw diagram of upper esophageal sphincter and lower esophageal sphincter.
 3. Draw diagram of layers of stomach.
 4. Draw labelled diagram of duodenoscope.

SECTION-C

Short answer questions (Attempt **ANY FOUR**) (20)

1. Describe peristalsis of esophagus
2. Describe microscopic structure of small intestine
3. Enumerate causes of difficulty in swallowing (dysphagia):
4. Enumerate causes of upper and lower GI bleeding
5. Enumerate causes of constipation
6. Enumerate complications/ adverse effects of upper and lower GI endoscopy

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